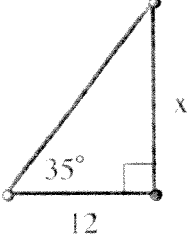
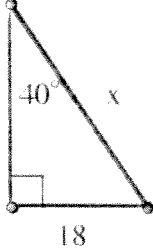
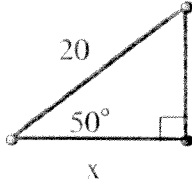
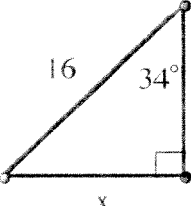
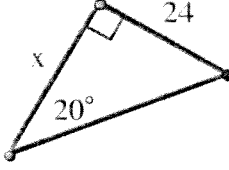
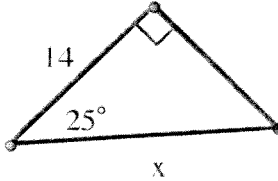


Chapter Right Triangles
Lesson Trigonometry

name _____
 date _____
 period _____

Find the value of x. (Round your answer to the nearest tenth.)

<p>1.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p>x = _____</p>	<p>2.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p>x = _____</p>	<p>3.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p>x = _____</p>
<p>4.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p>x = _____</p>	<p>5.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p>x = _____</p>	<p>6.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div> <p>x = _____</p>

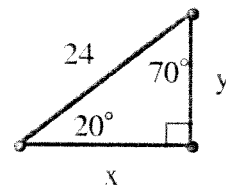
Classify each statement as true or false.

7. $\sin 20 = \frac{y}{24}$ _____

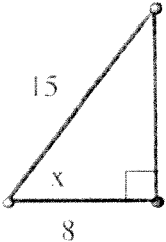
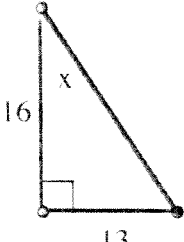
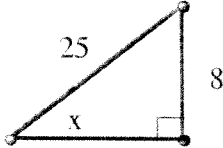
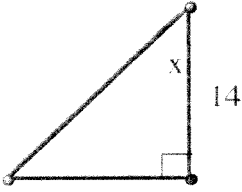
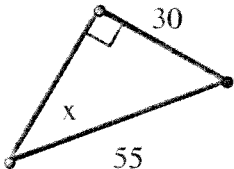
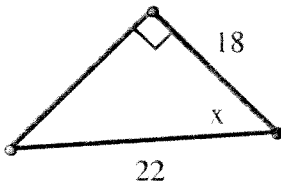
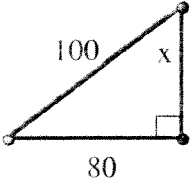
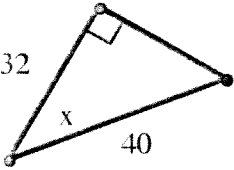
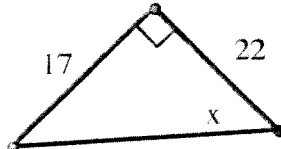
8. $\cos 70 = \frac{24}{y}$ _____

9. $\sin 70 = \frac{x}{24}$ _____

10. $\cos 20 = \frac{x}{24}$ _____



Solve for x . (Round your answer to the nearest degree.)

<p>11.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>	<p>12.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>	<p>13.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>
<p>14.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>	<p>15.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>	<p>16.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>
<p>17.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>	<p>18.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>	<p>19.</p>  <p>equation</p> <div style="border: 1px solid black; height: 40px; width: 140px; margin-top: 5px;"></div> <p>$x =$ _____</p>